

DETAILED ACTION

The Supplemental Amendment filed on June 2, 2008 is acknowledged. In virtue of this amendment, claims 1-20 are amended; claims 21-24 are newly added; thus, claims 1-24 are currently in the instant application.

Interview Summary

1. Examiner contacted applicant's representative, Carl T. Thomsen (Registration No. 50,786), on May 27, 2008 for discussing about clarifications of claimed languages in independent claims 1 and 12 (i.e., claim 1: line 7, change "an azimuthal" to - -the azimuthal- -; line 9, change "the antenna" to - -an antenna- -; line 21, change "a solid antenna field" to - -the antenna field- -; line 23, add - -each- -after "wherein"; claim 12: line 20, change "a solid antenna" to - -the antenna- -; line 22, add - -each- -after "wherein"), and inconsistencies in elements in several claims as a resulted of reference numerals (i.e., delete all the reference numerals in the parentheses) being included in each of the independent and dependent claims. Applicant's representative agreed to overcome the above issues in the supplemental amendment in order to place application in allowance condition.

Allowable Subject Matter

2. Claims 1-24 are allowed.

Prior art fails to disclose or fairly suggest:

An antenna system for measuring azimuth and elevation angles of an active, signal sending radiosonde, the antenna system comprising a first passive antenna group comprising at least two antenna arrays; a second passive

antenna group comprising at least two antenna arrays, wherein the first and second antenna groups form an antenna field, and the antenna field is fixedly tilted in a predetermined elevation position, wherein each one of the at least two antenna arrays of the first passive antenna group is disposed directly facing each of right and left lateral sides of one of the at two antenna arrays of the second passive antenna group, in combination with the remaining claimed limitations as in the independent claim 1.

Claims 2-11 and 21-22 are allowed since they are dependent on claim 1.

Claim 12 is allowed for similar reason to claim 1.

Claims 13-20 and 23-24 are allowed since they are dependent on the independent claim 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEU HIEN T. DUONG whose telephone number is (571)272-8980. The examiner can normally be reached on Monday - Friday, from 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on 571-272-1662. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Trinh Vo Dinh/

Primary Examiner, Art Unit 2821